DATA REQUIRED FOR SUBMISSION WITH AN
APPLICATION FOR FEDERAL AID ON
SEWAGE TREATMENT WORKS

The following questions must be answered and the data submitted with the application for a grant under the Federal Water Pollution Control Act.

1. Present population to be served 1305

2. Design population 5262

3. Design year 1993

4. Design flow:

Interceptors (Give brief description and flow).

(a) 12", 250 g/c/d peak flow rate design

(b) 14", 250 g/c/d peak flow rate design

(c)

Pumping Station (Give brief description and flow).

(a) ) five pumping stations varying in capacity from 100 gpm
)
(b) ) to 680 gpm
)
(c)

Sewage Treatment Plants

(a) ONE WASTE WATER TREATMENT PLANT of 72,400 g/d capacity

(b)

5. Industrial Wastes

(a) Flow N/A mgd

BOD mgd

Population equivalent

(b) Flow mgd

BOD mgd

Population equivalent

6. Type and degree of treatment to be provided contact stabilization with phosphate & ammonia nitrogen removal followed by sand filtration - 95% +

(For pumping stations and interceptors, tell where the sewage from each element will be treated and the degree of treatment).

Pumping station effluent in Chambersburg Basin will be treated in the Chambersburg Plant with initial treatment to 85% efficiency and later to 95% +

Method of sludge disposal.

to land disposal on farm fields approved by the Pennsylvania Department of Environmental Resources

7. List streams which are being protected by this project and their water uses:

(a) Back Creek

(b) Conococheague Creek

(c)

Miles of stream improved by this project. (Name the stream and name the next downstream significant pollution source).

(a) Back Creek & Conococheague Creek

(b) next downstream significant pollution sources

(c) Hagerstown, Maryland

8. Is there an existing collection system which will contribute sewage to all portions of this project? No

If not, what is scheduled for construction of collection system?

same schedule as this project